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500.36716CX1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicant(s): T. HIRATA, et al

Serial No.: 09/721,616

Filed: November 27, 2000

U.S. Patent No. 7,155,498 B1

Date of Patent: December 26, 2006

For: COMPUTER OPERATION MANAGEMENT SYSTEM

REQUEST FOR CERTIFICATE OF CORRECTION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

February 1, 2007

Sir:

Pursuant to 35 USC §254, Applicants respectfully request that a Certificate of Correction be issued in connection with the above-referenced application to correct the error noted on the attached Form PTO-1050.

Specifically, Applicants submit that code "(30) Foreign Application Priority Data" is missing. Applicants submit that the present application claims priority under 35 USC §119 from Japanese Patent Application No. 9-306067, filed November 7, 1997. This information should be added under code "(30) Foreign Application Data".

Therefore, Applicants respectfully request that a Certificate of Correction be issued adding code (30) "Foreign Application Priority Data" with respect to Japanese Application No. 9-306067, filed November 7, 1997. A copy of the certified copy of said Japanese application along with a copy of

Certificate
FEB 05 2007
of Correction

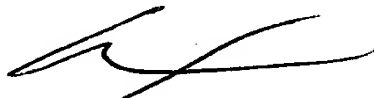
FEB 07 2007

the Oath/Declaration, front page of the issued patent of the parent application and the Filing Receipt are attached herewith.

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, or credit any overpayment of fees, to the deposit account of MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C., Deposit Account No. 50-1417 (500.36716CX1).

Respectfully submitted,

MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.



Carl I. Brundidge
Registration No. 29,621

CIB/jdc
(703) 684-1120

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(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO: 7,155,498 B1

DATED: December 26, 2006

INVENTOR(s): T. HIRATA, et al

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

-- (30) Foreign Application Priority Data
Nov. 7, 1997 (JP).....9-306067 --

MAILING ADDRESS OF SENDER:

PATENT NO: 7,155,498 B1

Carl I. Brundidge
MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.
1800 Diagonal Road - Suite 370
Alexandria, VA 22314

Burden Hour Statement: This form is estimated to take 1.0 hour to complete. Time will vary depending upon the needs of the individual case. Any comment on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.
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PATENT OFFICE
JAPANESE GOVERNMENT

別紙添付の書類に記載されている事項は下記の出願書類に記載されて
る事項と同一であることを証明する。

This is to certify that the annexed is a true copy of the following application as filed
in this Office.

出 願 年 月 日
Date of Application:

1997年11月 7日

出 願 番 号
Application Number:

平成 9年特許願第306067号

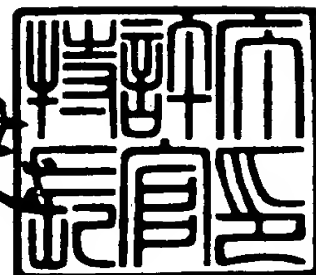
出 願 人
Applicant(s):

株式会社日立製作所

1998年10月23日

特 許 庁 長 官
Commissioner,
Patent Office

伴 佐 山 建 志



出証番号 出証特平10-3085160

FEB 07 2007



E4237-01
(*)
Copy

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name, I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

"COMPUTER OPERATION MANAGEMENT SYSTEM"

the specification of which (check one)

☒

is attached hereto.

☐

was filed on _____

as Application Serial No. _____

and was amended on _____

(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

09-306067
(Number)

Japan
(Country)

7 November, 1997
(Day/Month/Year Filed)

☒

Yes

☐

No

(Number)

(Country)

(Day/Month/Year Filed)

☐

Yes

☐

No

(Number)

(Country)

(Day/Month/Year Filed)

☐

Yes

☐

No

(Number)

(Country)

(Day/Month/Year Filed)

☐

Yes

☐

No

(Number)

(Country)

(Day/Month/Year Filed)

☐

Yes

☐

No

(Number)

(Country)

(Day/Month/Year Filed)

☐

Yes

☐

No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

FEB 07 2007

(Application Serial No.)

(Filing Date)

(Status: patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

(Status: patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

(Status: patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

(Status: patented, pending, abandoned)

E4237-01(*)

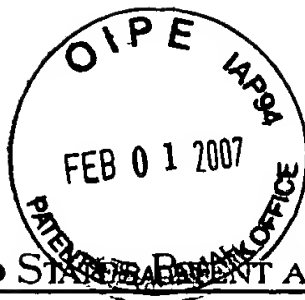
I hereby appoint as principal attorneys; Donald R. Antonelli, Reg. No. 20,296; David T. Terry, Reg. No. 20,178; Melvin Kraus, Reg. No. 22,466; Stanley A. Wal, Reg. No. 26,432; William I. Solomon, Reg. No. 28,565; Gregory E. Montone, Reg. No. 28,141; Ronald J. Shore, Reg. No. 28,577; Donald E. Stout, Reg. No. 26,422; Alan E. Schiavelli, Reg. No. 32,087; James N. Dresser, Reg. No. 22,973 and Carl I. Brundidge, Reg. No. 29,621 to prosecute and transact all business connected with this application and any related United States application and international applications. Please direct all communications to the following address:

Antonelli, Terry, Stout & Kraus
Suite 1800
1300 North Seventeenth Street
Arlington, Virginia 22209
Telephone: (703) 312-6600
Fax: (703) 312-6666

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United State Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

	(Full Name)	(Signature)
Date <u>October 23, 1998</u>	Inventor <u>Toshiaki HIRATA</u>	<u>Toshiaki Hirata</u>
Residence <u>Kashiwa-shi, Japan</u>	Citizenship <u>Japan</u>	
Post Office Address <u>6-13, Kikkodaicho-2-chome, Kashiwa-shi, Japan.</u>		
Date <u>October 23, 1998</u>	Inventor <u>Akihiro URANO</u>	<u>Akihiro Urano</u>
Residence <u>Fujisawa-shi, Japan</u>	Citizenship <u>Japan</u>	
Post Office Address <u>5977-1-II-113, Tsujido, Fujisawa-shi, Japan.</u>		
Date <u>October 23, 1998</u>	Inventor <u>Shuji FUJINO</u>	<u>Shuji Fujino</u>
Residence <u>Ebina-shi, Japan</u>	Citizenship <u>Japan</u>	
Post Office Address <u>1051-F305, Kamigo, Ebina-shi, Japan.</u>		
Date <u>October 23, 1998</u>	Inventor <u>Eiji MATSUMURA</u>	<u>Eiji Matsumura</u>
Residence <u>Yokohama-shi, Japan</u>	Citizenship <u>Japan</u>	
Post Office Address <u>39-5-504, Miyamotocho-2-chome, Minami-ku, Yokohama-shi, Japan.</u>		
Date _____	Inventor _____	
Residence _____	Citizenship _____	
Post Office Address _____		
Date _____	Inventor _____	
Residence _____	Citizenship _____	
Post Office Address _____		
Date _____	Inventor _____	
Residence _____	Citizenship _____	
Post Office Address _____		
Date _____	Inventor _____	
Residence _____	Citizenship _____	
Post Office Address _____		
Date _____	Inventor _____	
Residence _____	Citizenship _____	
Post Office Address _____		
Date _____	Inventor _____	
Residence _____	Citizenship _____	
Post Office Address _____		

FEB 07 2007



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO.	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/721,616	11/27/2000	2154	710	500.36716CX1	9	1	1

CONFIRMATION NO. 5300

020457

ANTONELLI TERRY STOUT AND KRAUS
SUITE 1800
1300 NORTH SEVENTEENTH STREET
ARLINGTON, VA 22209

CIB

FILING RECEIPT



OC000000005891609

Date Mailed: 03/22/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Toshiaki Hirata, Kashiwa-shi, JAPAN;
Akihiro Urano, Fujisawa-shi, JAPAN;
Shuji Fujino, Ebina-shi, JAPAN;
Eiji Matsumura, Yokohama-shi, JAPAN;

Continuing Data as Claimed by Applicant

THIS APPLICATION IS A CON OF 09/188,263 11/09/1998 PAT 6,170,010

Foreign Applications

JAPAN 09-306067 11/07/1997

If Required, Foreign Filing License Granted 03/22/2001

Projected Publication Date:

Non-Publication Request: No

Early Publication Request: No

Title

Computer operation management system

FEB 07 2001

Preliminary Class
709

Data entry by : LEE, KATY

Team : OIPE

Date: 03/22/2001



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US006170010B1

(12) **United States Patent**
Hirata et al.

(10) **Patent No.:** **US 6,170,010 B1**
(45) **Date of Patent:** **Jan. 2, 2001**

(54) **COMPUTER OPERATION MANAGEMENT SYSTEM**

(75) Inventors: **Toshiaki Hirata, Kashiwa; Akihiro Urano, Fujisawa; Shuji Fujino, Ebina; Eiji Matsumura, Yokohama, all of (JP)**

(73) Assignee: **Hitachi, Ltd., Tokyo (JP)**

(*) Notice: Under 35 U.S.C. 154(b), the term of this patent shall be extended for 0 days.

(21) Appl. No.: **09/188,263**

(22) Filed: **Nov. 9, 1998**

(30) **Foreign Application Priority Data**

Nov. 7, 1997 (JP) 9-306067

(51) Int. Cl.⁷ **G06F 15/173**

(52) U.S. Cl. **709/223; 709/224**

(58) Field of Search **709/202, 203, 709/205, 208, 223, 224, 100, 101; 714/4, 15, 57, 805; 705/8, 11; 706/47; 345/331**

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,748,884	*	5/1998	Royce et al.	714/57
5,751,914	*	5/1998	Coley et al.	706/47
5,796,951	*	8/1998	Hamner et al.	709/223
5,826,239	*	11/1998	Du et al.	705/8
5,872,931	*	2/1999	Chivaluri	709/223
5,872,970	*	2/1999	Pickett et al.	709/101
5,893,905	*	4/1999	Main et al.	705/11
5,944,782	*	8/1999	Noble et al.	709/202
6,006,193	*	12/1999	Gibson et al.	705/8
6,023,507	*	2/2000	Wookey	714/805 X

FOREIGN PATENT DOCUMENTS

0 549677 B1 * 9/1991 (EP) .

2 254 522 * 1/1992 (GB) .

* cited by examiner

Primary Examiner—Zarni Maung

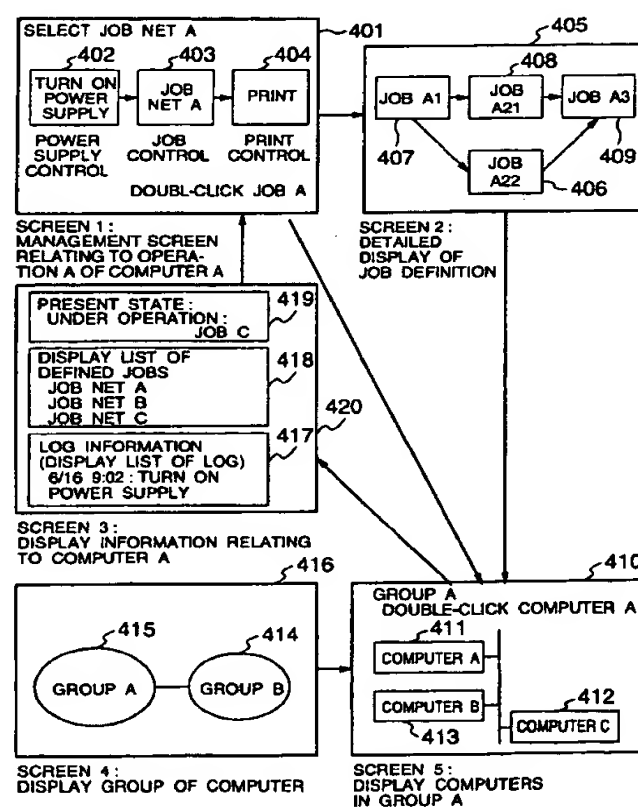
Assistant Examiner—Patrice Windee

(74) *Attorney, Agent, or Firm*—Antonelli, Terry, Stout & Kraus, LLP

(57) **ABSTRACT**

In a computer system to which a plurality of computers are connected, a managing computer manages operations performed in the respective computers in an integrated manner, or manages the operations in relation to the computers themselves. As a result, problems occurring in the processes can be easily solved, and furthermore a load on a network is reduced. The managing computer manages a series of operations in an integrated manner in which when an operation is executed by each of the plurality of computers, or by the respective computers in combination with each other, the managing computer performs an operation designated when a specific event happens to occur on a computer. The managing computer displays each of the operations executed on the computers by a symbol; displays an execution sequence of the operations by a link with a direction among symbols; and further displays an execution condition of the computer by a color of a symbol. As a consequence, both an operation monitor screen and a computer monitor screen are mutually switched to display the switched monitor screen while setting a relationship between the computers and the operations, and the relationship between the operations and the computers are clearly represented.

8 Claims, 9 Drawing Sheets



FEB 07 2001

< Parent Patent >